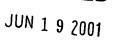
Page	1	of_	1

				0/0	•					
				MAY	`			Page 1	_ of1_	
Form PTO (Rev. 2-32)	) U.S. D	epartment o	f Commerce	Anamar Cart		Atty. Do	ocket No.	Serial No 09/515,80		_
	Information			Applicant		Applica	nt: Merrill, e	t al.		
<u>.                                    </u>	(Use	several shee	ets if necessary	')		Filed: Fo	ebruary 29, 2	2000 Group:		
	-			U.S. Patent Docur	men	its				
Init.	Docum	ent No.	Date	Name			Class	Subclass	Filing	Date
iy	5,742,058 4/21/98 Pantigny, et al.				-250	<del>370.0</del> 8	5/30/9	)6		
		<del>-</del>								
					·					
				Foreign Docume	ents	6				
									Trai	slation
Init.	Docum	nent No.	Date	Country			Class	Subclass	Yes	No
						,				
								•	ļ	
	/			uding Author, Titl						
W			100	m Access Photodio Vol. 38. No. 8. Aug				nage Capture", II	EEE	
•										
Examiner			~	2			Date Cons	sidered /0/2;	7/03	
				not citation is in co					gh citatio	n if

# JUN 1 1 2001 2

### RECEIVED



Page	1	of	4	

Form R	1449		Tec	chnology Center 260	OAtty, Do	cket No.	Serial No.	CEIVI	ĒD —
(HADEN)	2)	U.S. Department of	Commerce		FOV-03	6	00/515 80	7	
		Patent and Trademark	Office				JU	וא 15	2001
	Info	rmation Disclosure Sta	atement by A	Applicant	Applicar	nt: Merrill et al.	TC 280	IAN U	L ROO
		(Use several sheets	if necessary)	)	Filed:	Feb. 29, 2000	Group: 2	2878	
			1	U.S. Patent Documen	ıts				
Init.		Document No.	Date	Name		Class	Subclass	Filing	Date
	<u></u>			Foreign Documents	<del> </del>				
				Foreign Documents	•				
Init.		Document No.	Date	Country		Class	Subclass	Yes	slation No
		2 de la maria della dell	Dute	Councy		Class	Buotius	1 2 3	1.10
		Other Docu	ments (Inclu	ding Author, Title, I	)ate, Perti	nent Pages, etc	c.)		
	1	Abbas El Gamal, e	et al. "Mod	eling and Estimati	on of FP	N Compone	nts in CMO	S Imag	<u>e</u>
'W		Sensors", Informa	tion Systen	ns Laboratory, Sta	nford Ur	niversity, and	l Fudan Uni	versity	,
		Shanghai, China, j	pp. 1-10, (s	ometime after 1/9	8).				
W	2	Albert J. P. Theuw	vissen, "So	lid-State Imaging	with Cha	rge-Coupled	Devices",	Kluwei	:
_J_		Academic Publish							
W	3	Alex Dickinson, et al., "TP 13.5: A 256 x 256 CMOS Active Pixel Image Sensor W							
	<u> </u>	Motion Detection'							-227.
W	4	Andrew J. Blanksl			of a Co	or CMOS P	hotogate Im	<u>age</u>	
	-	Sensor", IEEE, IE	-				. 51		
W.	5	Bob Weibel, "Hig	_				door Photog	raphy	A
	6	Snap", Buyer's Gu	-				TH CT C'	• • • • • • • • • • • • • • • • • • • •	-
1. /	6	Carver A. Mead, e	•				<b>-</b>	•	
y		California Institute	e of Techno	ology Computation	n and ine	urai Systems	s Program, J	ury 3,	1991,
	7	pp. 2-29. Chye Huat Aw, et	al "A 128	v 128 Pivel Stand	lard_CM	OS Image Se	ensor With I	Electro	nic
y	'	Shutter", IEEE Int				_			<u>iiic</u>
	8	Don Sutherland, "							
W		November 1997, p				zigitai BEIto	, 5114110101	יםי	
	9	D. Knipp, et al. "L		· · · · · · · · · · · · · · · · · · ·		Detectors Fo	r Color Rec	ognitic	<u></u> on",
W	}	Forschungszentru							_ ′
W	10	Eric R. Fossum, "						00, 7/9	3, pp.
y		2-14.							
Examine	•	L		2		Date Conside	red /e/	27/0	
		al if citation considered						h citatio	n if
not confo	rmance	and not considered. In	clude a copy	of this form with the r	next comm	unication to ap	plicant		

# JUN 1 1 2001 JUN 1 200

### RECEIVED

JUN 1 9 2001

Page 2 of 4

		The state of the s		RELIEIVED			
Form PTO		TRADES 18 TRADES	Atty. Docket No.	Serial No.			
(Rev. 2-32)	)	U.S. Department of Commerce	FOV-036	09/515,807JUN 15 2001			
	T	Patent and Trademark Office	A 11	LC SAND HAIT E			
	11110	ormation Disclosure Statement by Applicant	Applicant: Merrill et al.	10 20			
		(Use several sheets if necessary)	Filed: Feb. 29, 2000	Group: 2878			
		Other Documents (Including Author, Title, D	ate, Pertinent Pages, etc.)	)			
141	11	Guang Yang, et al. "A Snap-Shot CMOS Activ	e Pixel Imager For Lo	w-Noise, High-Speed			
ly .		Imaging", IEEE, 1998, pp. 45-48					
ay	12	Hon-Sum Philip Wong, "CMOS Image Sensors	s-Recent Advances and	d Device Scaling			
/		Considerations", IEDM, 1997 IEE, pp. 201-204	<b>l.</b>				
100	13	Hon-Sum Philip Wong, et al. "CMOS Active P	ixel Image Sensors Fa	bricated Using a 1.8-			
ly		V, 0.25-μm CMOS Technology", IEEE, April,					
4/	14	Hon-Sum Wong, et al. "Technology and Device		ons for CMOS			
9		Imagers", IEEE Transactions on Electron Device					
		2131-2142.		711			
14/	15	Ken Parulski, et al. "Enabling Technologies for	a Family of Digital C	ameras", Eastman			
y I		Kodak Company, SPIE Vol. 2654, 1996, Invite	· · · · · · · · · · · · · · · · · · ·	,			
	16	Mohamed Ben Chouikha, et al. "Buried Triple		in a BiCMOS			
hy		Technology for Color Detection", IEEE BCTM 6.4, 9/1997 pp. 108-111.					
. ,	17	Mohamed Ben Chouikha, et al. "Color Sensitiv	**				
<i>y</i>		BiCMOS Technologies, SPIE Vol. 2950, 1996,		andard Office and			
	18	Orly Yadid-Pecht, et al. "A Random Access Ph		elligent Image			
1w		<u>Capture</u> ", IEEE Transactions on Electron Device					
<i>y</i>		1780.	003, 101. 30, 110. 0, 110	.gust 1991, pp. 1772			
	19	R. Daniel McGrath, et al. "FA 11.2: Current-M	ediated Current-Reset	768 x 512 Active			
W		Pixel Sensor Array", IEEE Digest of Technical					
1		139	rapers, reordary 7, 1.	777, pp 102 103, 130			
	20	R.M. Guidash, et al. "A 0.6 µm CMOS Pinned	Photodiode Color Ima	ger Technology"			
w		IEDM, 1997, pp 927-929.	i notouroue Color Illia	gor roomiology ,			
<del></del>	21	R. Panicacci, "1/4 Inch CMOS Active Pixel Ser	nsor With Smart On-C	hin Functions and			
1/		Full Digital Interface, Part 1., Brief Introduction		_ = \			
y		August 25-26, 1997, pp. 41-53.	ii to civico miago oci	, Hot Cimpo IA,			
_ <b>_</b>	22	Savvas G. Chamberlain, "Photosensitivity and	Scanning of Silicon In	nage Detector Arrays"			
W							
Examiner		IEEE Journal of Solid-State Circuits, Vol. SC-4	Date Considere	1 1 1			
		- Me		1921/03			
		al if citation considered, whether or not citation is in confer	·	-			
not conform	nance	e and not considered. Include a copy of this form with the n	ext communication to appl	icant.			

## RECEIVED

JUN 1 9 2001

Page \_\_\_\_3 \_\_\_ of \_\_4

	/	JUN 1 9 2001	•	DECENTED
Form PTC (Rev. 2-32		U.S. Department of Commerce	Atty. Docket No. FOV-036	RECEIVED     Serial No.     09/515,897UN   15 2001
		Patent and Trademark Office		3011 13 2001
	Info	ormation Disclosure Statement by Applicant	Applicant: Merrill et al.	TC 2800 MAIL RO
		(Use several sheets if necessary)	Filed: Feb. 29, 2000	Group: 2878
		Other Documents (Including Author, Title, D	ate, Pertinent Pages, etc.	
1	23	Stephen John Decker, "A Wide Dynamic Range	e CMOS Imager with	Parallel On-Chip
W		Analog-to Digital Conversion", Submitted to the	e Department of Elec	trical Engineering and
<i>V</i>		Computer Science at Massachusetts Institute of	Technology, Septem	ber 1997, pp. 3-205.
	24	Sunetra K. Mendis, et al. "A 128 x 128 CMOS	Active Pixel Image Se	ensor for Highly
4		Integrated Imaging Systems", IEEE, 1993, pp. 3	583-586.	·
1.7	25	T. Delbruck et al, "Analog VLSI Phototransduc	ction by Continuous-ti	me, Adaptive,
Y		Logarithmic Photoreceptor Circuits", California	a Institute of Technolo	ogy Computation and
U		Neural Systems Program, CNS Memo No. 30, A		
1. (	26	Tobi Delbruck, et al. "Analog VLSI Adaptive,		vnamic-Range
W		Photoreceptor", IEEE, May 1994, pp. 4 pages.		
	27	Tatsuo Nomoto, et al. "FA 11.4: A 4M-Pixel C	MD Image Sensor W	ith Block and Skip
W		Access Capability", IEEE International Solid-S	•	-
<del>- 0</del>	28	Hiroki Miura, et al., "A 100 Frame/s CMOS Ac		**
w		Recognition System", IEEE International Solid		
9		142-143.		, cuito 1757, pp.
	29	Yoshiaki Hagiwara, "High-Density and High-C	uality Frame Transfe	r CCD Imager With
h		Very Low Smear, Low Dark Current, and Very	•	
7)		on Electron Devices, Vol. 43, No. 12, December	•	
-	30	D. Renshaw, et al., "ASIC Image Sensors", IEF		
1.	31	Peter B. Denyer, et al., "On-Chip CMOS Senso		
W/	_	Proceedings of the IFIP TC 10/WG 10.5 Internal		<u> </u>
U		Integration, August 1991, pp. 4b.1.1 to 4b.2.1.		Tory Large Scare
	32	J.E.D Hurwitz, et al. "An 800K-Pixel Color CM	IOS Sensor For Cons	umer Still Cameras"
h		SPIE Vol. 3019, 1997, pp. 115-124.	TOO SCHOOL LAL CAHS	umer sum cameras,
	33	•	Silicon Dhotodataata	For Image Cancine"
i	55	Rudolph H. Dyck et al., "Integrated Arrays of S		
<del>- W</del>	34	IEEE Transactions on Electron Devices, Vol. E		
ارز	J <b>T</b>	Peter J. W. Noble, "Self-Scanned Silicon Image		LEE I ransactions on
Evaminar	_	Electron Devices, Vol. ED-15, No. 4, April 196		nd / / /
Examiner			Date Consider	1-/2//03
		al if citation considered, whether or not citation is in confer		•
not confor	manc	e and not considered. Include a copy of this form with the n	ext communication to app	licant.

# JUN 1 1 2001 RECEIVED JUN 1 9 2001

		- \&_ &/		
Form PTC	1449	Technology Center 2600	Atty. Docket No.	Serial No.
(Rev. 2-32	2)	U.S. Department of Commerce	FOV-036	09/515,807
	_	Patent and Trademark Office		·
	Info	rmation Disclosure Statement by Applicant	Applicant: Merrill et a:/	
		(Use several sheets if necessary)	Filed: Feb. 29, 2000	Group: 2878
		Other Documents (Including Author, Title, D	ate, Pertinent Pages, etc.)	
1.	35	G. Sadasiv, et al., "Thin-Film Circuits For Scan	ning Image-Sensor Ar	rays", IEEE
ly		Transactions on Electron Devices, Vol. ED-15,		<del></del> _
U	36	Thierry M. Bernard, "Advanced Focal Plane Ar		
Ny		EurOpt Series, Vol. 2950, October 1996, pp. 11	<u> </u>	
. /	37	S. Decker et al, "A 256 X 256 CMOS Imaging A	· ·	amic Range Pixels
ly/		and Column-Parallel Digital Output", IEEE Inte	ernational Solid-State	Circuits Conf., 1998,
		pp. 176-177.		. ,
			WE - 1 - TO	
				<del>,</del>
Examiner		and the second	Date Considere	1 /0/27/03
		al if citation considered, whether or not citation is in confere		<del>-</del>
NOT CONTAC	mance	and not concidered. Include a convict this term with the n	avt communication to annli	CORE

Page1 of	3
----------	---

Form PT	0 144	THE A TRACEMENT			Atty D	ocket No.	Serial No			
	(Rev. 2-32) U.S. Department of Commerce					36	09/515.80	Serial No. 09/515,807  RECEI  JUN 2 2 20  Technology Center		
•	Patent and Trademark Office							. 11 14	CLIV	
	Info	rmation Disclosure	Statement by A	Applicant	Applica	nnt: Merrill et	al. 7	ech <sub>noloi</sub>	2220	
		(Use several she	ets if necessary	)	Filed:	02/29/00	Group: 2878	3	y Center	
	_	_		U.S. Patent Docume	nts					
nit.		Document No.	Date	Name		Class	Subclass	Filing	Date	
y	1	3,866,067	02/11/75	Amelio		307	311	05/21	/73	
iy	2	3,934,161	01/20/76	Caywood		307	311	04/29	/74	
ц/_	3	3,971,065	07/20/76	Bayer		358	41	03/05	/75	
W	4	3,988,619	10/26/76	Malaviya		307	311	12/27	774	
v/	5	4,011,016	03/08/77	Layne et al.		356	195	09/23	<i>1</i> 75	
у/	6	4,236,760	12/02/80	Haar et al.		.303	6·C	03/01	<i>1</i> 79	
W	7	4,238,760	12/09/80	Carr		357	30	10/06	/78	
W	8	4,309,604	01/05/82	Yoshikawa et al.	***************************************	-250	226	07/24	/79	
14/	9	4,363,963	12/14/82	Ando		-250	211	02/26	/80	
Ÿ	10	4,473,836	09/25/84	Chamberlain		,357	30	05/03	/82	
W	11	4,499,529	02/12/85	Figueroa		<del>362</del>	283	08/24	/83	
11/	12	4,499,590	02/12/85	Bluzer		377	60	-01/14	/83	
W	13	4,573,077	02/25/86	Imai		358	212	09/04	/84	
L.V	14	4,613,895	09/23/86	Burkey et al.	***	358	41	11/13	/78	
W_	15	4,626,915	12/02/86	Takatsu		358	-213	07/10	/84	
<i>W</i>	16	4,651,001	03/17/87	Harada et al.		-250	-330	12/13	/84	
W	17	4,654,714	03/31/87	Hurst, Jr. et al.		358	213	10/30	/85	
W/	18	4,677,289	06/30/87	Nozaki et al.		-250	-226	11/04	/85	
u	19	4,704,633	11/03/87	Matsumoto	-	358	213:27	-02/20	/86	
W	20	4,734,776	03/29/88	Wang et al.		358	213.31	08/15	/86	
21	21	4,742,238	05/03/88	Sato		250	578	10/01	/86	
10/	22	4,786,818	11/22/88	Mead et al.		250	578	11/09	/87	
W	23	4,809,075	02/28/89	Akimoto et al.		3 <del>58</del>	213.18	10/19	/87	
W,	24	4,839,735	06/13/89	Kyomasu et al.		-358	213.31	12/21	/87	
W	25	4,845,553	07/04/89	Konomura et al.		358	98	05/19	/88	
0			•	Foreign Document	s					
								Trai	nslation	
nit.		Document No.	Date	Country		Class	Subclass	Yes	No	
		~								
<del></del>	<del></del>	Other Do	cuments (Inclu	ding Author, Title, l	Date, Peri	inent Pages,	etc.)			
				· · · · · · · · · · · · · · · · · · ·		T _				
Examiner		7	12			Date Cons	idered /c	127/	<u>کرد</u>	
xaminer	: Initia	al if citation consider	ed, whether or r	not citation is in confe	rence with	MPEP 609;	Draw line throug	gh citatio	on if	
ot confo	rmance	e and not considered.	Include a copy	of this form with the	next comn	nunication to	applicant.			

Page	2	of	3	

Form PTO 144 (Rev. 2-32)	U.S. Department of Commerce	Atty. Docket No. FOV-036	Serial No. 09/515,807 RECE
	Patent and Trademark Office		JIM CEVED
Inf	ormation Disclosure Statement by Applicant	Applicant: Merrill et al.	Techno, 2 2 2001
	(Use several sheets if necessary)	Filed: 02/29/00 (	Group: 2878 Center 2600

OF SOURCE SOURCE

Init.		Document No.	Date	Name	Class	Subclass	Filing Date
y	26	4,875,091	10/17/89	Yamada et al.	_358	42	03/16/88
ist	27	4,901,129	02/13/90	Hynecek	357	30	03/23/89
y	28	4,942,473	07/17/90	Zeevi et al.	358	213.26	06/30/88
ιψ	29	5,014,107	05/07/91	Vora	357	44	08/29/89
iy	30	5,021,853	06/04/91	Mistry	357	-23.13	04/27/90
W	31	5,038,214	08/06/91	Miida	358	213.11	03/10/89
N	32	5,055,418	10/08/91	Vora	437	-31	11/13/90
W	33	5,117,292	05/26/92	Matsunaga	358	213:19	04/27/90
ly	34	5,161,024	11/03/92	Oishi	358	213:24	05/10/91
V/	35	5,227,887	07/13/93	Dohi et al.	358	213.27	12/20/91
W	36	5,241,575	08/31/93	Miyatake et al.	377		09/09/92
W	37	5,276,521	01/04/94	Mori	358	213:31	12/30/92
y	38	5,289,023	02/22/94	Mead	-257,	291	08/07/92
ix	39	5,317,174	05/31/94	Hynecek	257	-222	02/19/93
Ϋ	40	5,335,015	08/02/94	Cooper et al.	348	302	10/30/92
W	41	5,341,008	08/23/94	Hynecek	257	<del>231</del>	09/21/93
ild	42	5,355,165	10/11/94	Kosonocky et al.	348	-311-	08/06/92
W	43	5,396,289	03/07/95	Nakamura	348	294	07/06/93
ly.	44	5,397,734	03/14/95	Iguchi et al.	437	70	10/02/92
V	45	5,414,464	05/09/95	Sasaki	348	_222	04/05/94
W	46	5,414,465	05/09/95	Kodama et al.	348	236	01/03/94
W	47	5,414,683	05/09/95	Tani	36.9	47	10/28/92
W	48	5,424,223	06/13/95	Hynecek	-437	3	06/06/94
W	49	5,428,390	06/27/95	Cooper et al.	348	240	01/21/94
W	50	5,434,620	07/18/95	Higuchi et al.	348	308	09/28/93
W	51	5,461,425	10/24/95	Fowler et al.	,348	294	02/15/94
W	52	5,471,245	11/28/95	Cooper et al.	348	-302	05/19/94
IY	53	5,502,299	03/26/96	Standley	250	208.2	12/12/94
W	54	5,541,402	07/30/96	Ackland et al.	250	208.1	10/17/94
W	55	5,541,654	07/30/96	Roberts	348	301	06/08/95
W	56	5,547,881	08/20/96	Wang et al.	437	24	03/06/96

Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not conformance and not considered. Include a copy of this form with the next communication to applicant.

Page	3	of	3
------	---	----	---

Form PTO 1449 FRT 8 1				Atty. Do	ocket No.	Serial No.			
(Rev. 2-32) U.S. Department of Commerce			FOV-036		09/29/00	REO-			
Patent and Trademark Office									
Information Disclosure Statement by Applicant					Filed: 02/29/00 Group: 2878				
		(Use several she	ets if necessary)	)	Filed:	02/29/00	Group: 2878	achnology Cente	
			;	U.S. Patent Documer	its				
nit.		Document No.	Date	Name		Class	Subclass	Filing Date	
y y	57	5,572,074	11/05/96	Standley		307	117	06/06/95	
4	58	5,576,763	11/19/96	Ackland et al.		348	303	11/22/94	
	59	5,589,423	12/31/96	White et al.		437	228	10/03/94	
W	60	5,625,210	04/29/97	Lee et al.	-	257	292	04/13/95	
W	61	5,631,704	05/20/97	Dickinson et al.		348	308	10/14/94	
ik .	62	5,668,596	09/16/97	Vogel		348	222	02/29/96	
IK.	63	5,705,441	01/06/98	Wang et al.		438	384	03/19/96	
W	64	5,712,682	01/27/98	Hannah		348	255	12/02/96	
ÿ	65	5,739,562	04/14/98	Ackland et al.		257	291	08/01/95	
w	66	5,742,058	04/21/98	Pantigny		250	370.08	05/30/96	
W	67	5,801,657	09/01/98	Fowler et al.		341	155	02/05/97	
W	68	5,883,421	03/16/99	Ben Chouikha et al.		257	461	03/13/97	
W	69	6,078,037	06/20/00	Booth, Jr.		250	208.1	04/16/98	
ik	70	6,115,066	09/05/00	Gowda et al.		348	308	06/12/97	
War	71	6,211,510 B1	04/03/01	Merrill et al.		250	208.1	01/26/00	
*	<del></del>								
7 4									
Examiner		12	~		<del></del>	Date Consid	lered /0/	27/37	

Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if

not conformance and not considered. Include a copy of this form with the next communication to applicant.

# JUN 2 5 2001 JUN 2

### RECEIVED

JUL 1 0 2001

Page \_\_\_1\_\_ of \_\_2\_\_

Translation

### Technology Center 2600

Form PTO 144	9 TRADEMAN	Atty. Docket No.	Serial No.		
(Rev. 2-32)	U.S. Department of Commerce	FOV-036	09/515,807		
	Patent and Trademark Office		\(\frac{\frac}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fin}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac{\frac{\		
Inf	ormation Disclosure Statement by Applicant	Applicant:	6 6 6		
		Merrill, et al.	6 1/2		
	(Use several sheets if necessary)	Filed: February 29, 2000	Group: 2878		

#### **U.S. Patent Documents**

					Filing Date
6,046,444	4/4/00	Morteza Afghahi	250	208.1	12/8/97
6,246,436	6/12/01	Lin, et al.	348	308	11/3/97
			3		

#### **Foreign Documents**

Init.		Document No.	Date	Country	Class	Subclass	Yes	No
W	1	0 466 929 A1	22.01.92	European	H04N 5	238		
W	2	0 605 898 A1	13.07.94	European	H01L 27	146		
4	3	EP 0707416 A2	17.04.96	European	H04N 3	15		
by	4	EP 0 777 379 A1	04.06.97	European	H04N 3	15		
Ÿ	5	EP 0 854 516 A2	22.07.98	European	H01L 27	146		
¥	6	62143571	26.06.87	European	H04N 5	335		
ik	7	01103378	20.04.89	European	H04N 5	335		
y	8	06133320	13.05.94	European	H04N 9	09		
19	9	08009391	12.01.96	European	H04N 9	04		
iy	10	DE 43 04 506 A1	18.8.94	Germany	H 04 N 5	225		X
w	11	DE 198 36 356 A1	12.5.99	Germany	H 01 L 27	146		X
is	12	08095670	12.04.96	European	G06F 1	16		
A	13	54-108628	8.25.79	Japan	G03B 7	20		X
W	14	09128091	16.05.97	European	G06F 1	00		
iy	15	58-83824	5.19.83	Japan	G 03 B 7	20		X
V	16	59-152424	8.31.84	Japan	G 03 B 7	20		X
il	17	59-42527	3.9.84	Japan	G 03 B 17	14		X
Ň	18	60-23841	2.6.85	Japan	G 03 B 17	14		X
W	19	60-53912	3.28.85	Japan	G 02 B 7	11		X
W	20	WO 96/15626	23.05.96	Germany	H04N 5	335		
ia	21	WO 97/17800	15.05.97	Germany	H04N 3	143		
W	22	WO 98/19455	07.05.98	Germany	H04N 3	15		
W	23	WO 00/72604 A1	30.11.00	Germany	H04N 9	04		
W.	24	WO 99/66560	23.12.99	Germany	H01L 27	144		
W	25	WO 99/66712	23.12.99	Germany	H04N 3	15		

JUN 2	5 2001 S	Page of2
TEX.	Other Documents (Including Author, Title, D	Pate, Pertinent Pages, etc.)
iy 2	Cell; IEEE Transactions on Electron Devices, Vol. ED-24 Physics of Semiconductor Devices; Wiley-Interscience; N Laboratories, Inc., S.M. SZE, 1969	, No. 5, May 1977, Bernward Rossler
Examiner		Date Considered /U/27/03 2600
	ial if citation considered, whether or not citation is in confer ce and not considered. Include a copy of this form with the n	

PRECEIVED
TO 2800 MAIL ROOM

	MAR 0 4 2002 US			(	•	Page1	of <u>1</u>	
Form PTO	1449 PADEMARKO				ocket No.	Serial No.		
(Rev. 2-32)	Patent and Tradema	Commerce		FOV-0	32	09/515,807	'	
	Information Disclosure S		pplicant	Applica	ant: Richard	A. Merrill et al.		
	/II			Filed	Eshauaru 20	2000 Group: 2	272	
	(Use several shee				redition 29,			
		U	S. Patent Docu	iments				
Init.	Document No.	Date	Name		Class	Subclass	Filing	Date
W	5,619,262	04/08/1997	Uno		348	297	11/09	/1995
0								
					<u> </u>			
				<u> </u>		REC	EIVE	<u>:D</u>
						MAR 1	3 (1	
						Technolog	<del>y Cent</del>	<b>er 26</b> 00
			Foreign Docum	nents				
				· · · · · · · · · · · · · · · · · · ·			,	nslation
Init.	Document No.	Date	Country		Class	Subclass	Yes	No
iy	EP 0 300,365 A2	01/25/1989	EP		H04N	3/15		
w	EP 0 300,365 A3	01/25/1989	EP		H04N	3/15		
iy	WO 99/66560	12/23/1999	PCT		H01L	27/144		
		_						
				. D . D	1 1 7			
	Other Doc	uments (Includ	ling Author, Tit	tle, Date, Per	tinent Pages,	, etc.)		
				<del></del>				
Evenina		-	<u> </u>		Date Cons	eidered (=	/ /	
Examiner	-	2				70/	27/0	<u> </u>
Examiner:	Initial if citation considered ance and not considered. I	d, whether or no	ot citation is in co	onference with the next comi	h MPEP 609; nunication to	Draw line through applicant.	i citatic	n if